



Stewart River Watershed Protection Project



Clean Water Funds: 2012

Clean Water Grant	\$105,075
Leveraged Funds*	\$35,025
Total Project Budget	\$140,100

* Leveraged Funds include

Targeted Water:
Stewart River

Project Sponsor:
Lake County Soil and Water
Conservation District

Grant Period:
January 2012—December 2014

Project Contact:
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C12-38 - Clean Water Assistance

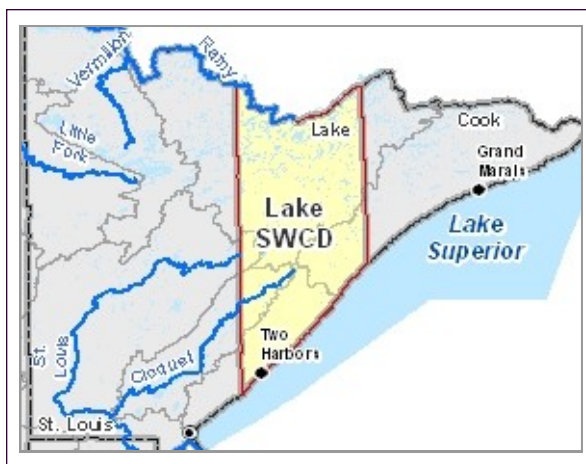
Project Narrative

The Stewart River is a state protected water and a Designated Trout Stream. In 2010, it was identified as a high priority watershed during the update of the Lake County Water Management Plan. The river empties into Lake Superior near the drinking water intake for the City of Two Harbors.

This project will restore five severely eroding streambank sites along a 1.5 mile reach of the Stewart River.

Commitments have been secured from the five property owners, including the Lake County Highway Department, to complete the project.

Overall, these five projects will restore and stabilize the natural channel morphology and will contribute to stable stream channel conditions. The benefits include reduced sediment downstream, less sediment pollution into Lake Superior and protection of native riparian plant communities. Toe wood combined with rock stream vanes, will decrease bluff erosion and create beneficial fisheries habitat through the introduction of much needed woody debris. Finally, the project will protect and re-establish native vegetation in riparian areas.



Proposed Outcomes:

Liukkonen Streambank Project - Toe Wood Floodplain Bench, Stream Vanes, Critical Area Stabilization, Root Wads - Stewart River

Dreher Streambank Project - Toe Wood Floodplain Bench, Stream Vanes, Critical Area Stabilization, Root Wads - Stewart River

Lassonde Streambank Project - Toe Wood Floodplain Bench, Stream Vanes, Critical Area Stabilization, Root Wads - Stewart River

Lake County Highway Department Streambank Project - Toe Wood Floodplain Bench, Stream Vanes, Critical Area Stabilization, Root

Actual Outcomes:

Project in Progress

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